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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kenneth Y. Ng

Title: SMALLER AND LOWER POWER STATIC MUX CIRCUITRY IN GENERATING MULTIPLIER PARTIAL PRODUCT SIGNALS

Docket No.: 884.A16US1

Serial No.: 10/728,395

Filed: December 5, 2003

Due Date: N/A

Examiner: Unknown

Group Art Unit: 2124

**MS Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ Return postcard.
- ☒ Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 3 cited documents.

If not provided for in a separate paper filed herewith, Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

By: Paul J. Urbanski  
Atty: Paul J. Urbanski  
Reg. No. 58,351

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 17<sup>th</sup> day of May, 2006.

JAMES KANYUSIK  
Name

James Kanyusik  
Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)

S/N 10/728,395



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Kenneth Y. Ng	Examiner:	Unknown
Serial No.:	10/728,395	Group Art Unit:	2124
Filed:	December 05, 2003	Docket:	884.A16US1
Title:	SMALLER AND LOWER POWER STATIC MUX CIRCUITRY IN GENERATING MULTIPLIER PARTIAL PRODUCT SIGNALS		
Assignee:	Intel Corporation	Customer Number:	21186

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

KENNETH Y. NG

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
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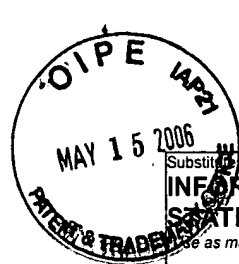
Date May 12, 2006

By Paul J. Urbanski  
Paul J. Urbanski  
Reg. No. 58,351

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JAMES KAWYUSIK  
Name

[Signature]  
Signature



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

**Application Number** 10/728,395

**Filing Date** December 5, 2003

**First Named Inventor** Ng, Kenneth

**Group Art Unit** 2124

**Examiner Name** Unknown

Sheet 1 of 1

**Attorney Docket No:** 884.A16US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-5,818,743	10/06/1998	Lee, W. , et al.	04/21/1995
	US-6,308,195	10/23/2001	Hirase, Y. , et al.	02/11/1999
	US-6,535,902	03/18/2003	Goto, G.	04/02/2001
	US-6,684,236	01/27/2004	Farnbach, W. A.	02/15/2000
	US-6,721,774	04/13/2004	Lee, W. , et al.	05/07/1998

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		COOPER, A. R., "Parallel Architecture Modified Booth Multiplier", <u>IEEE Proceedings G - Circuits, Devices, and Systems</u> , 135(3), (June, 1988), 125-128	
		FRIED, R., "Minimizing Energy Dissipation in High-Speed Multipliers", <u>Proceedings of the 1997 International Symposium on Low Power Electronics and Design (ISLPED '97)</u> , (August, 1997), 214-219	
		GOLDOVSKY, A. , et al., "Design and Implementation of a 16 by 16 Low-Power Two's Complement Multiplier", <u>Proceedings, IEEE International Symposium on Circuits and Systems (ISCAS 2000)</u> , (May 28-31, 2000), 345-348	

**EXAMINER**

**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached